

# Interleukin-8 receptor A: SeqID: ENSP00000295683 Sequence and pentamer URS distribution

MSNELDPQMWDFDD ENFTGMP PADE YSP CE ET ET LNK VV IL AY AL VF LS LG NS LV ME V IL YS R  
VG RS VI D V Y LL EN LA LD LE F AL LL P I WA AS K V NG W I F G T L C K V S L L K E V N F S G I L L A C I S V D R Y  
LA IV HA TR TL T O K R H L V K F V Q L G W Q L S M N I S L P F L R O A Y H P N S P V C Y E V L G N D I A K R M V L R I  
LP H T E G L V P L F V M E C Y G F T L R T L F K A H M G O K H R A M V I F A V V L L F L L C M P Y N L V L L A D T L M R T O V  
IQ ES C E R R N I G P A L D A T E T E G F L S C L N P I I A F I G N F R H G F L K I L A M H G L V S K E F L A R H R V T S Y T  
G S S V N V S S N L

ENSP00000295683: list of pentamer URS peptides: (total number: 35) AH M G O A K W R M A V H P N C E R R N C L E G C W O X G F T  
D N E I D P O M W D T A K W F O X G F E K A H M G O N E R H T E G I W A A S K W R M K V V I M G O K H I M P A D N F T G M N G W I F P Q M W D  
P Y N L V O K H R A Q M W D F Q N E R H T A K W R I D P O M V Q L G C V O E V V M E F C V N G M I W D E D W I F G T W R M L Y S P C M  
URS P e n t a m e r

Figure 1



# Histamine H1 receptor: SeqID: ENSP00000273023

## Sequence and pentamer URS distribution

MSLPSSCLLEDK MEGNK ITMASQMLPLVAVLSTIGLVAGNLVLYAVR SER K EHTVGN  
 LYIVSSVADLIYGAVVMPNNLYLMSK MSLGR PLGLEWESMDYVASTASTSVELLCLDR YR  
 SVQOPLR YLK YR TR ASATILGAWELSELVWIPILGWNHMOQTSYR R EDK CELDYDV  
 TWFK VMTA~~LN~~FFLYPLTLMWYAK IYK AVR QHQQR ELINR SLPSFSEIK LR PENPK G  
 DAK K PK ESPEWEVK R K PK DAGGGSVK SPSQTPK EMK SPVVFQEDDR EVDK LYC  
EPLDIVHMQAAEGSSR DYVAVNR SHQQR TDEQGLNHGASEISEDOMLGDSQSFSR TDSDTI  
 TETAPGR GK LR SGSNIGLDYFK FTWK R LR SHSR QYVSGLHMR ER K AAK QLGFIWA  
AFILGWI PYFI FMVI AFCK NCQNEHLMFTIWLGYINSTLNP LITPLGNENFK K TFK R ILHI  
 R S  
 URS: Penta-peptide AINFGCEGNKGNENEGM/PXDFXDYDQMGFLGHELVYFMQQTFFWISM.GWNHFEHHEHFMETHTVGNIFEW  
 ILGWILMSK LWFYANCGEGNMDYVAMFTIWMLEWYNOCNEHFMQPLGEFSPVEVIAFCWEYAKWNHFMWWPIYGFPL  
 Trypsin cutting site URS Penta-peptide

Figure 2

Figure 3

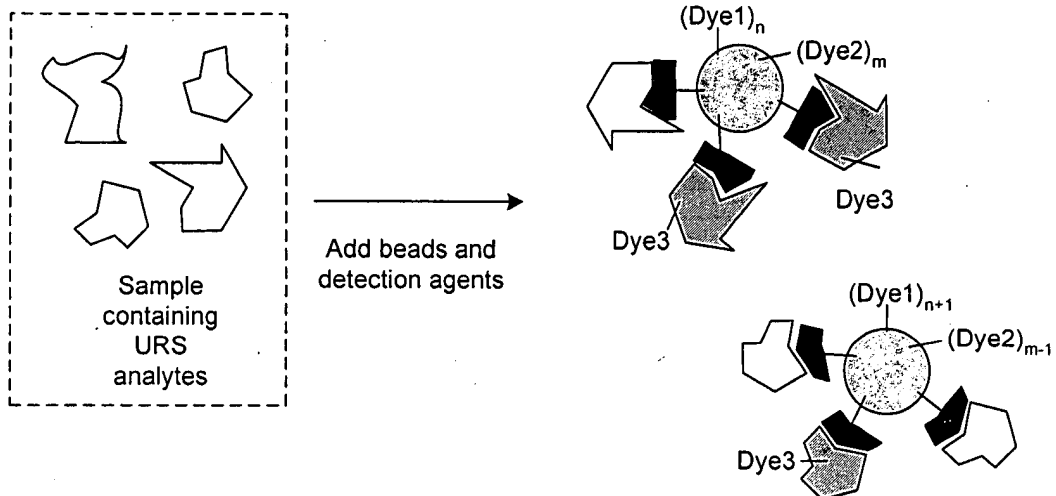
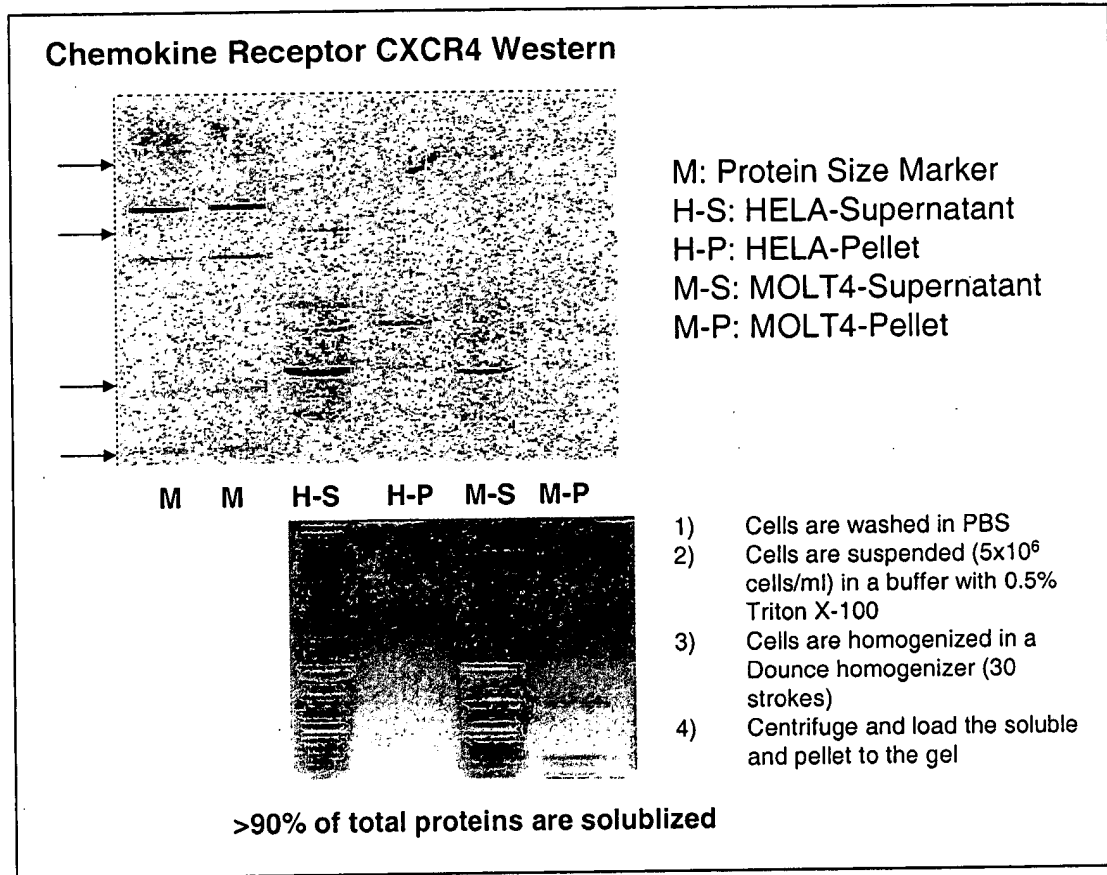


Figure 4



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Figure 5

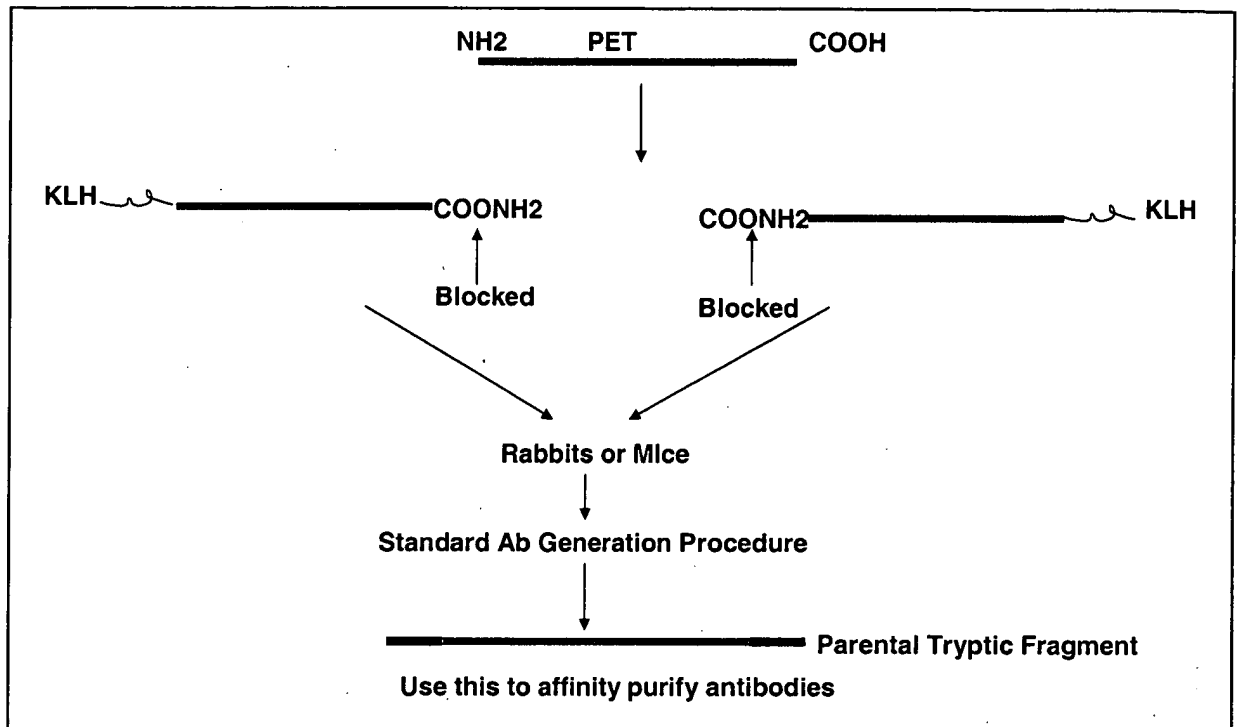


Figure 6

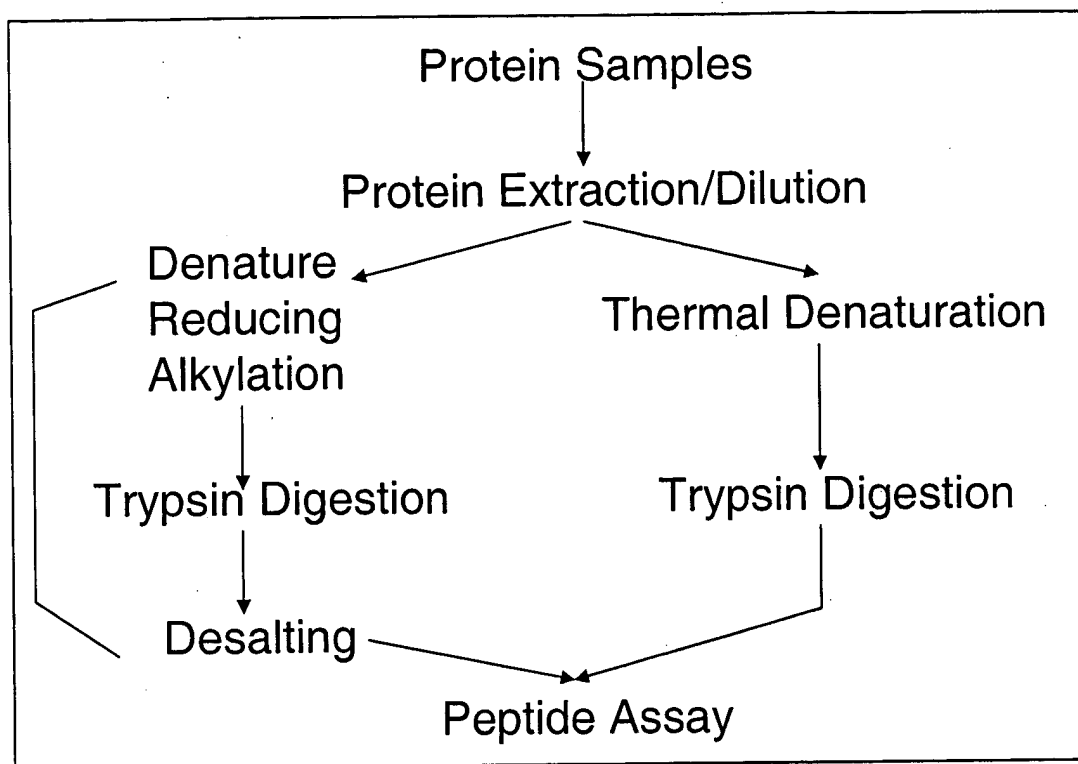


Figure 7

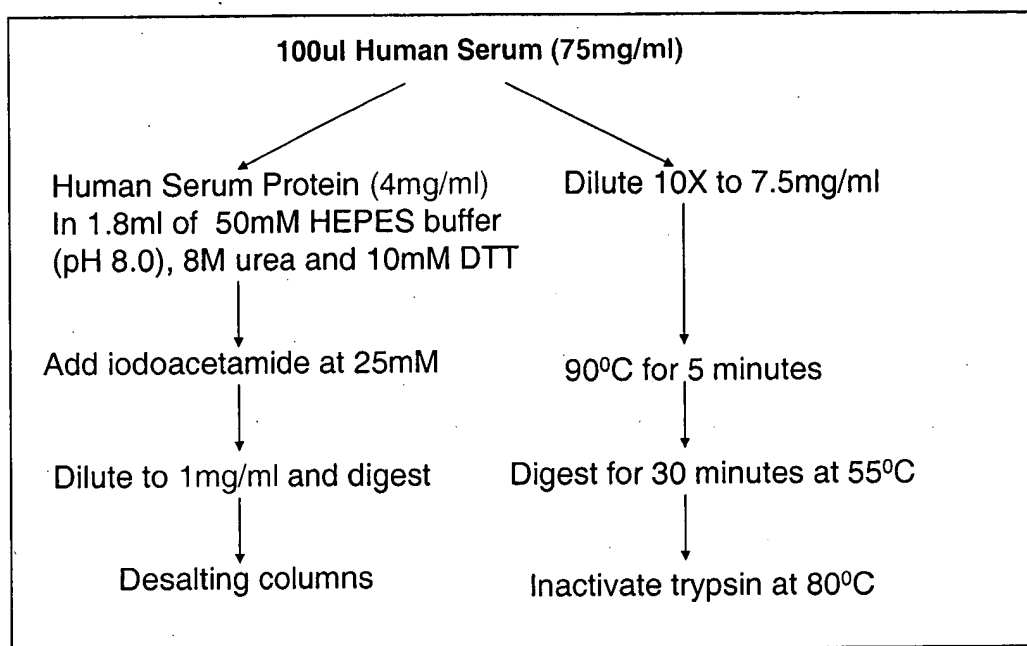
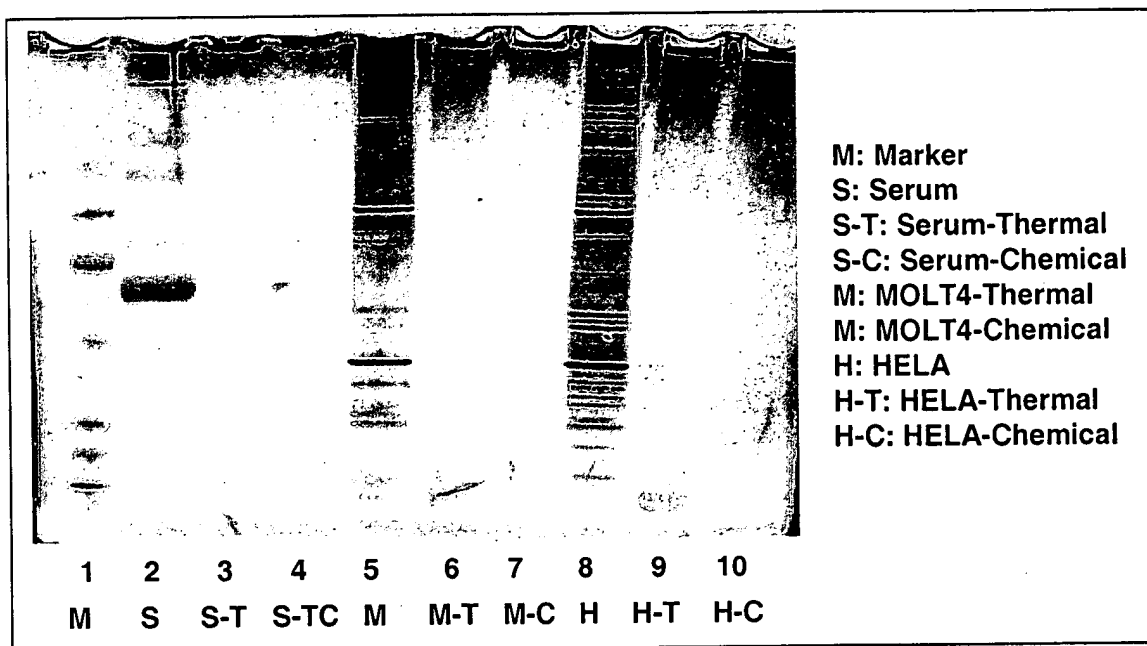


Figure 8



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Figure 9

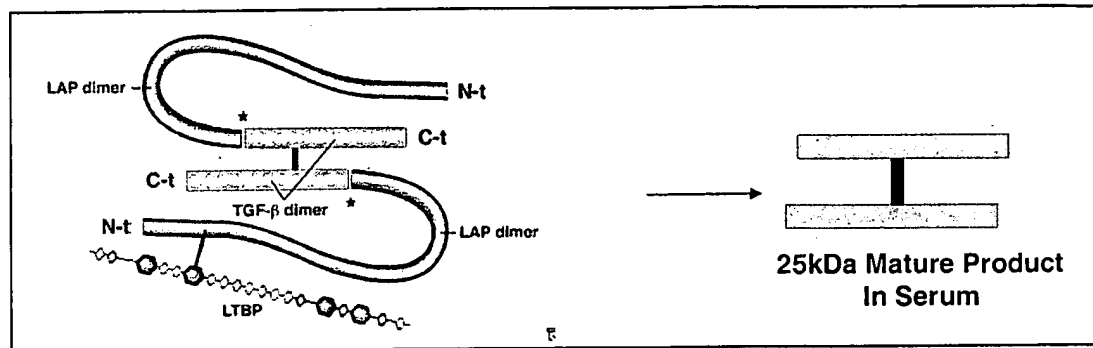


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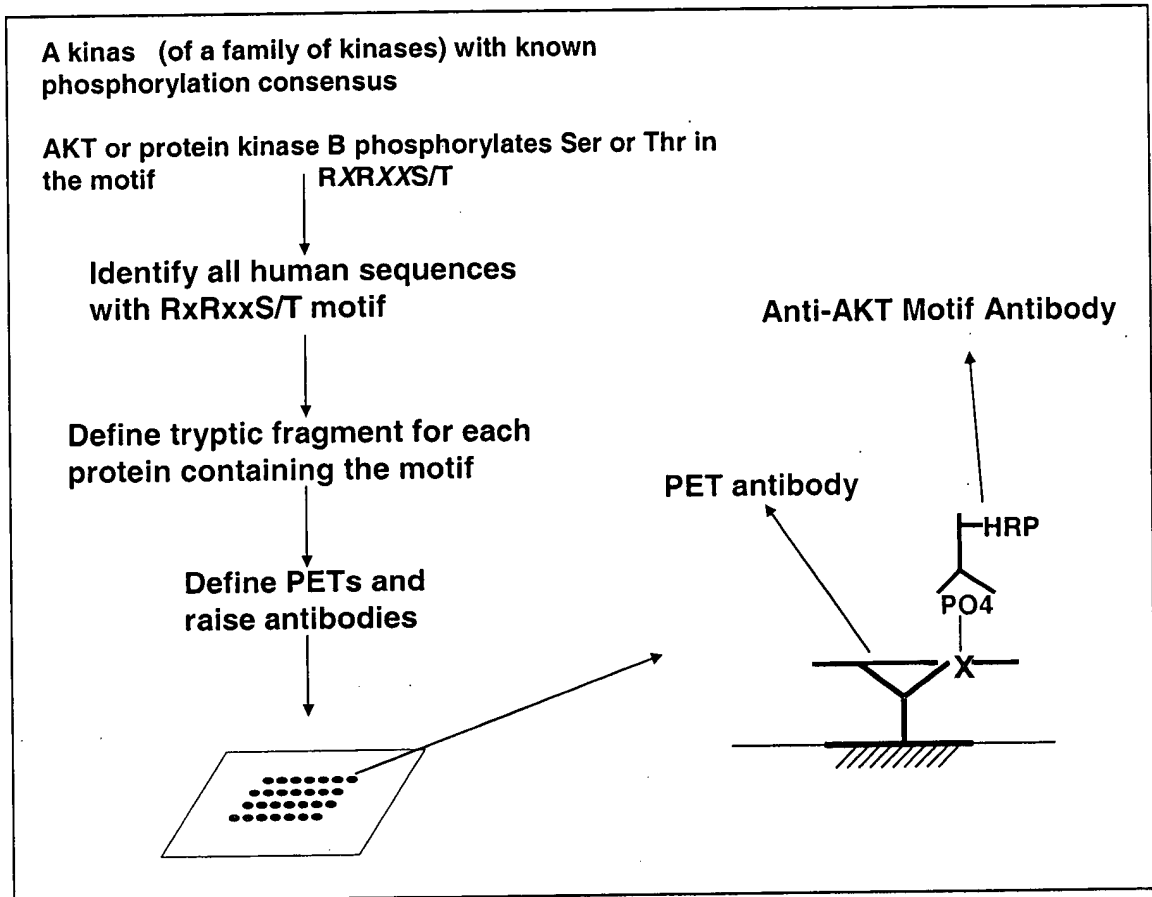


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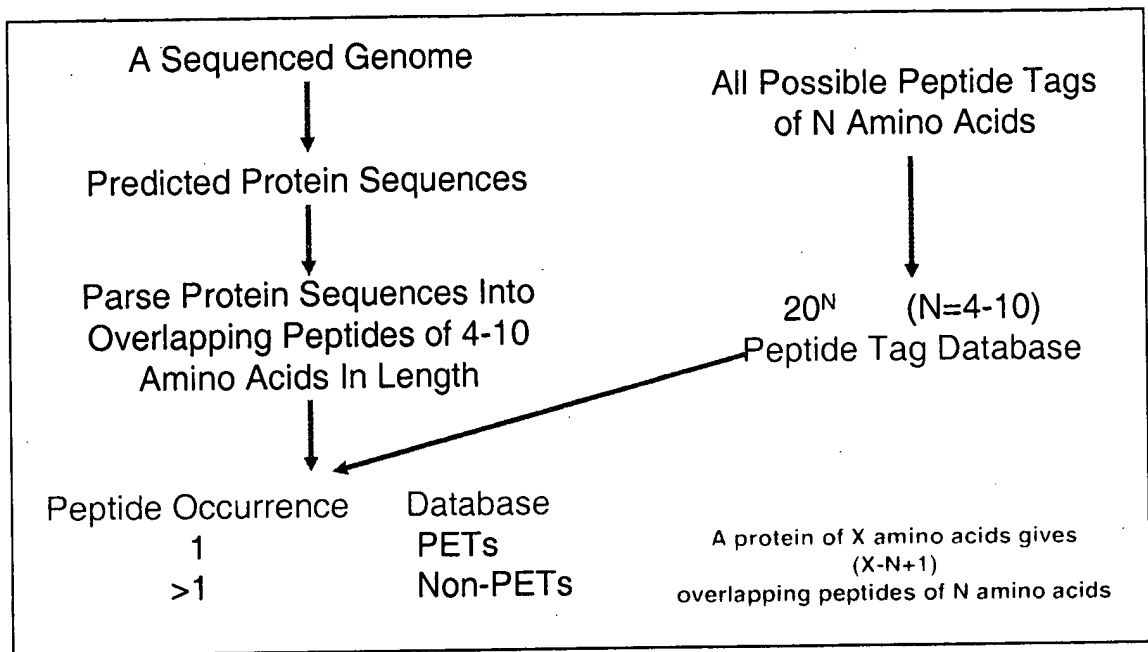


Figure 12

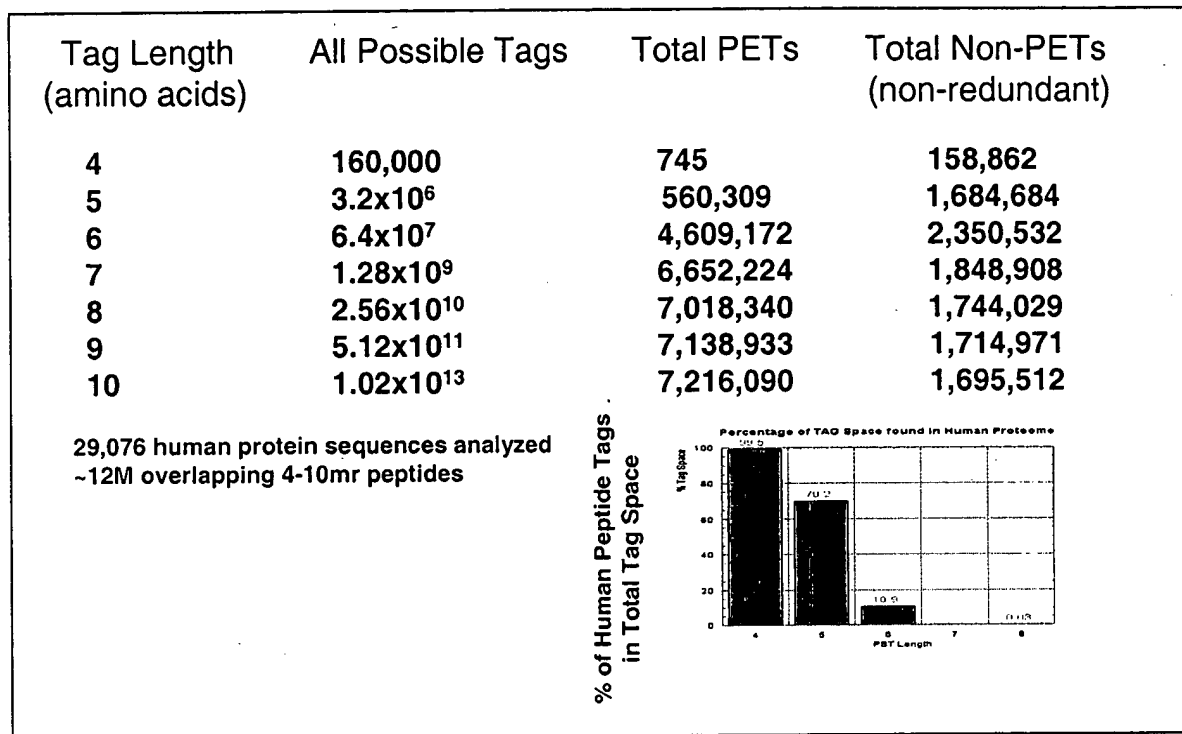


Figure 13

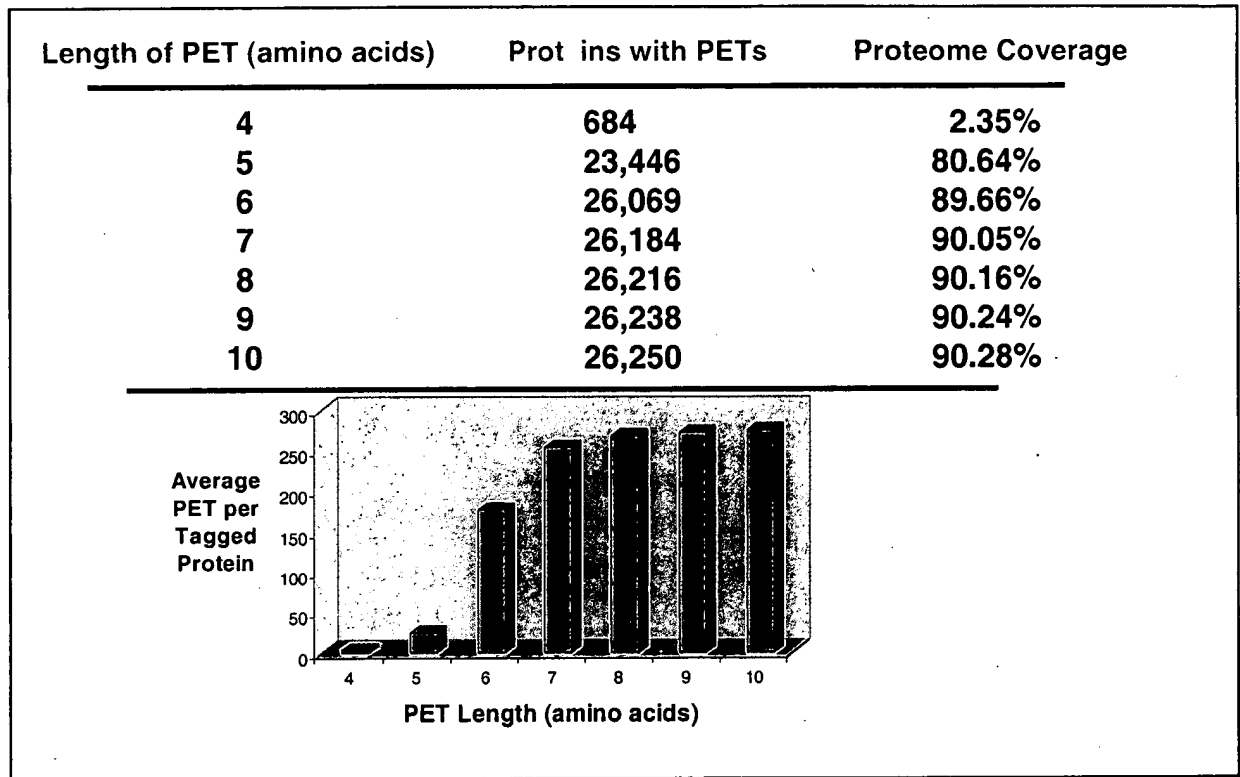


Figure 14

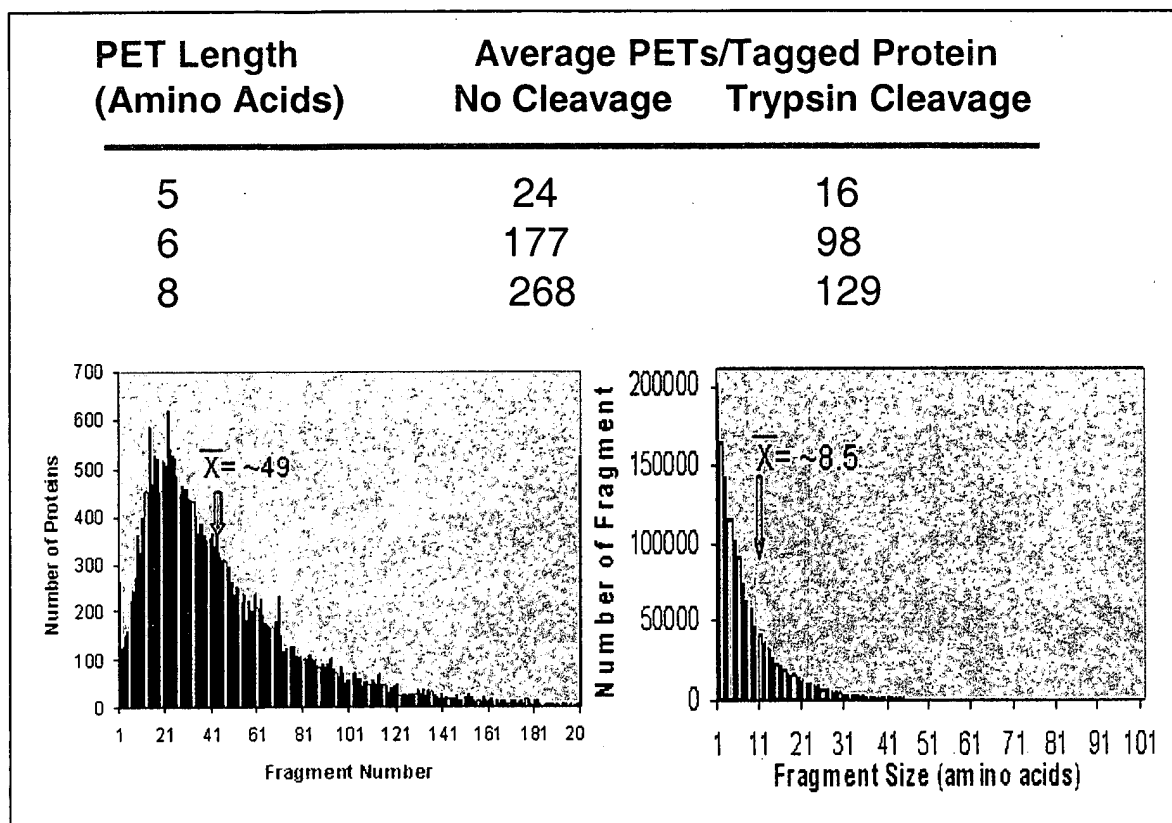
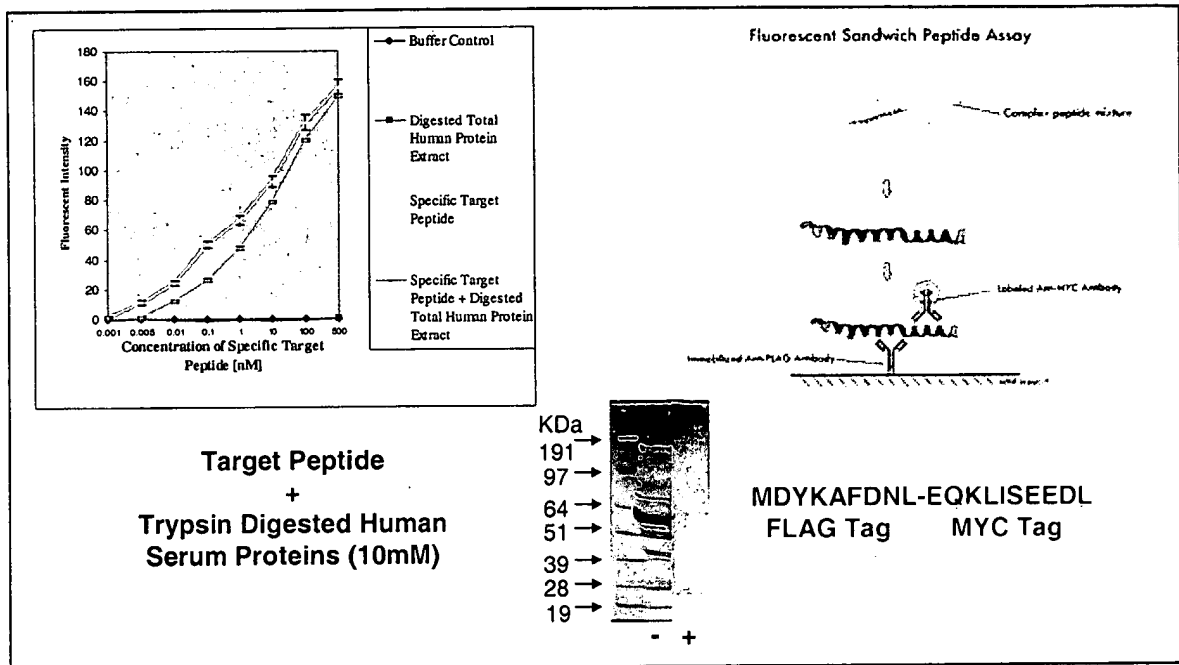




Figure 15



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Figure 16

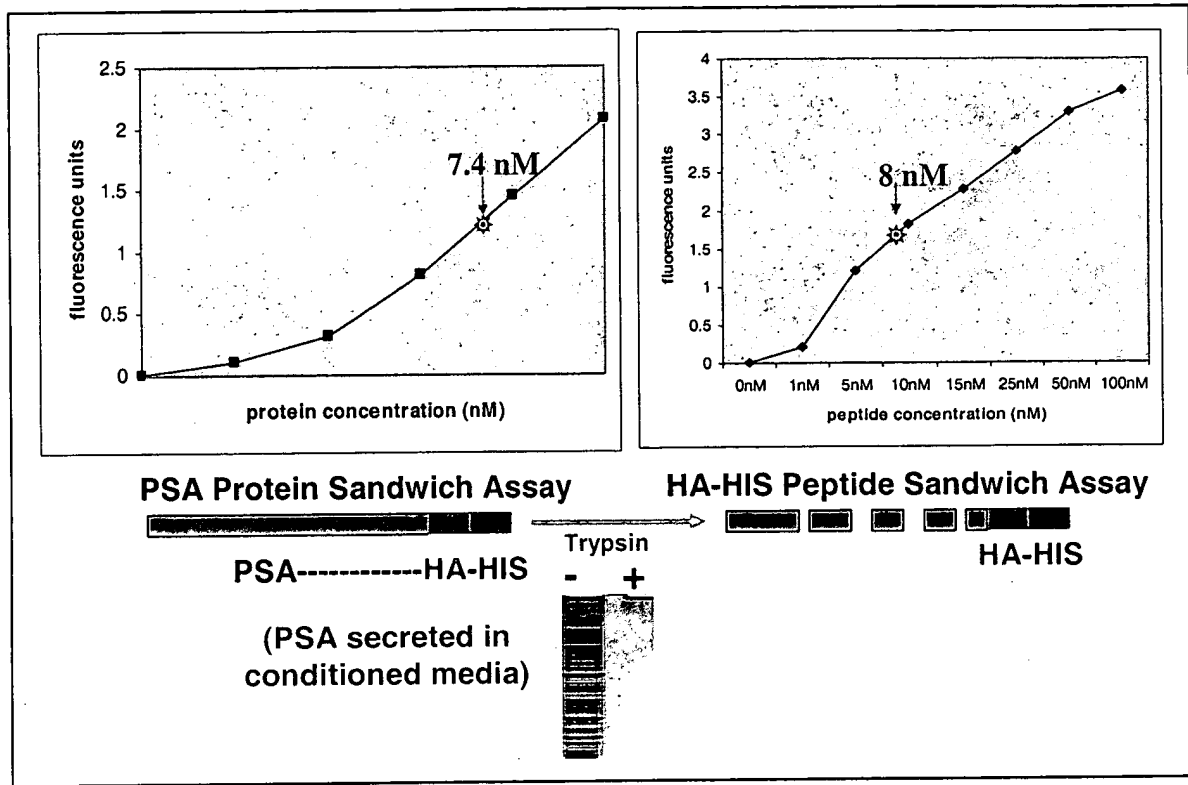


Figure 17

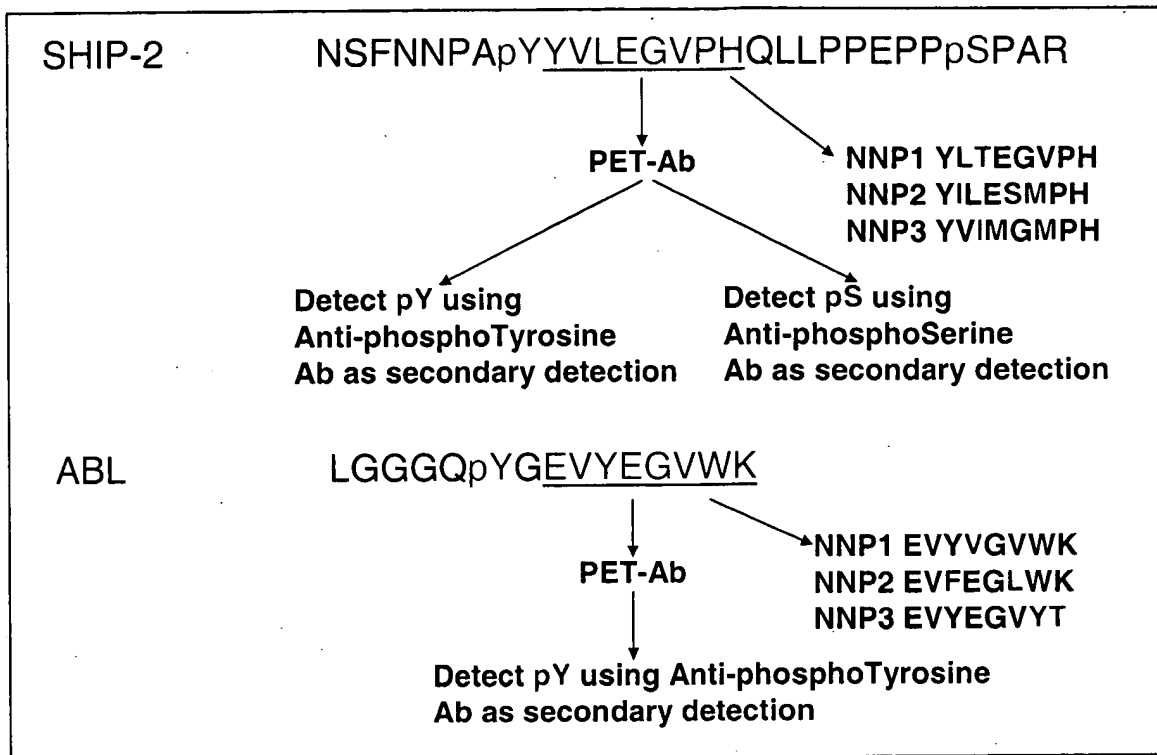


Figure 18

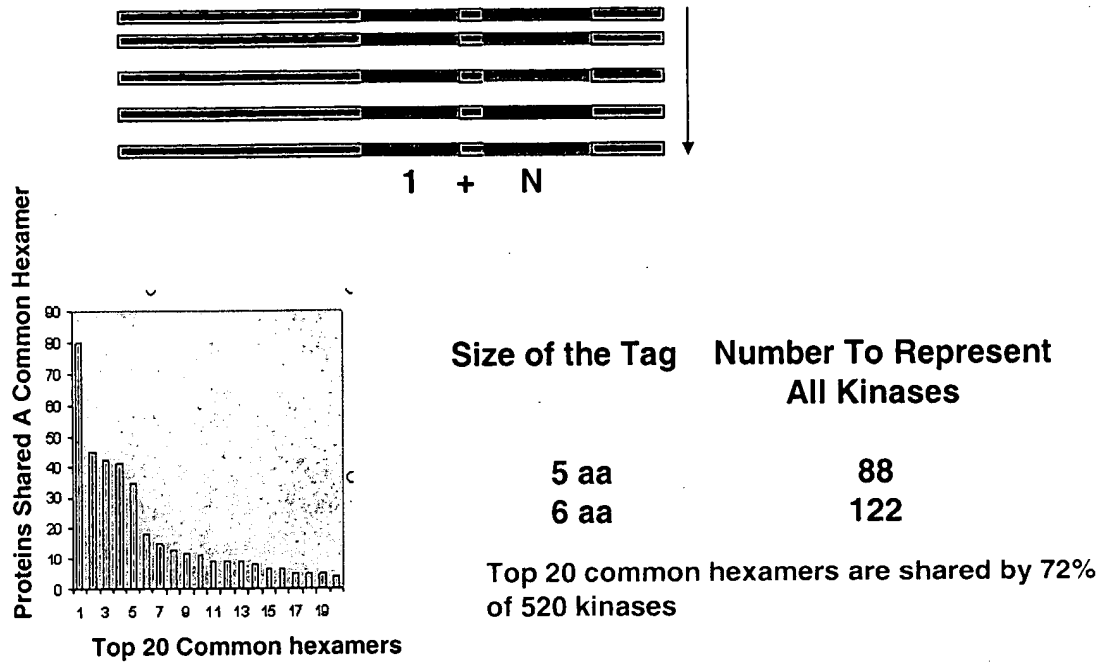


Figure 19

Protein	Parental Tryptic Peptide	Also Detect
BRAF	WSGSHQFEQLSGSILWMAPEVIR*	
DLK	MSFAGTVAWMAPEVIR	
GCK	SFIGTPYWMAPEVAAVER	
HH498	WMAPEVFTQCTR	
HPK1	LSFIGTPYWMAPEVAAVALK	
LOK	DSFIGTPYWMAPEVVMCETMK	KSH1,2,HPK1, SLK
LZK	MSFAGTVAWMAPEVIR	
MAP3K	SMHGTPYWMAPEVINESGYGR	
MST1	NTVIGTPFWMAPEVIQEIGYNCVR	MST2
MST4	NTFVGTPFWMAPEVIQQSAYDSK	
MYO3A	NTSVGTPFWMAPEVIACEQQLDTTYDAR	MYO3B
MYO3B	NTSVGTPFWMAPEVIACEQQYDSSYDAR	MYO3A
ZC1/HGK	NTFIGTPYWMAPEVIACDENPDATYDVR	ZC2, ZC3
OSR1	TFVGTPCWMAPEVMEQVR	
PAK1	STMVGTPYWMAPEVVTR	PAK2,3
PAK5	SLVGTPYWMAPEVISR	PAK6
RAF1	WSGSQQVEQPTGSVLWMAPEVIR	
STLK3	TFVGTPCWMAPEVMEQVR	
TAO1	ASMASPANSFVGTPYWMAPEVILAMDEGQYDGK	TAO3
TAO2	ASIMAPANSFVGTPYWMAPEVILAMDEGQYDGK	
TESK1	EPLAVVGSPYWMAPEVLR	
ZAK	TTHMSLVGTPFWMAPEVIQSLR	
BLUE = PET		
RED = Commone Epitope		

Figure 20

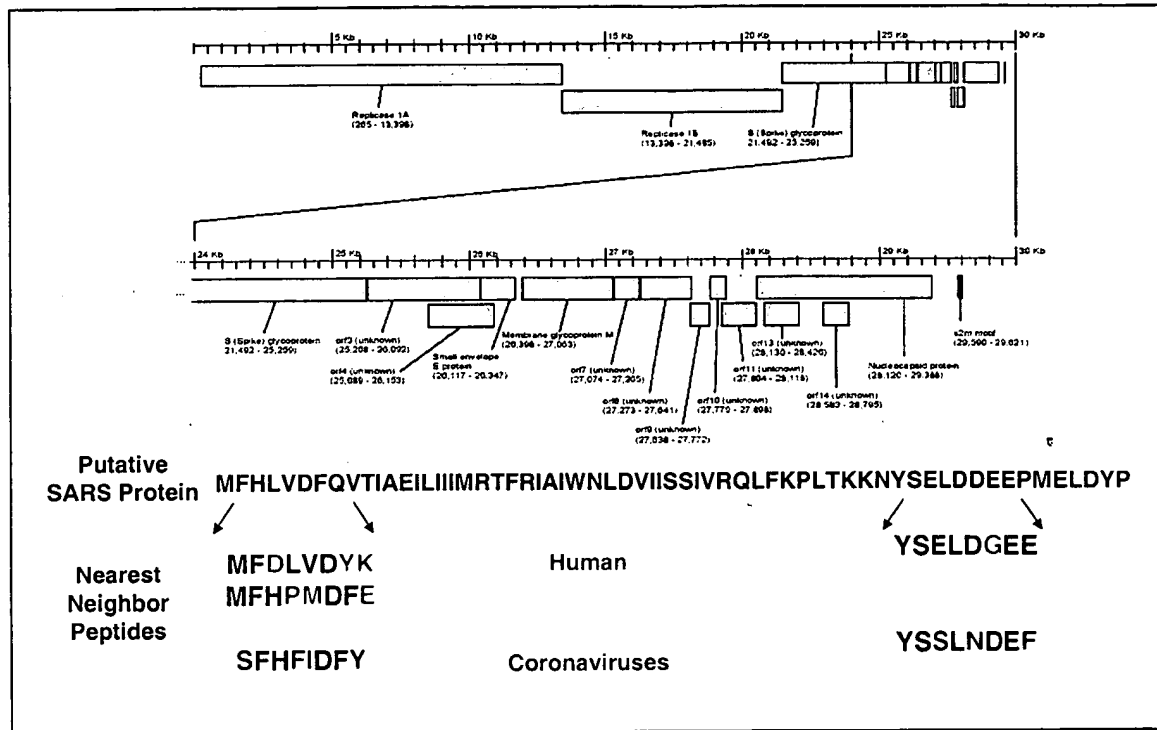




Figure 21

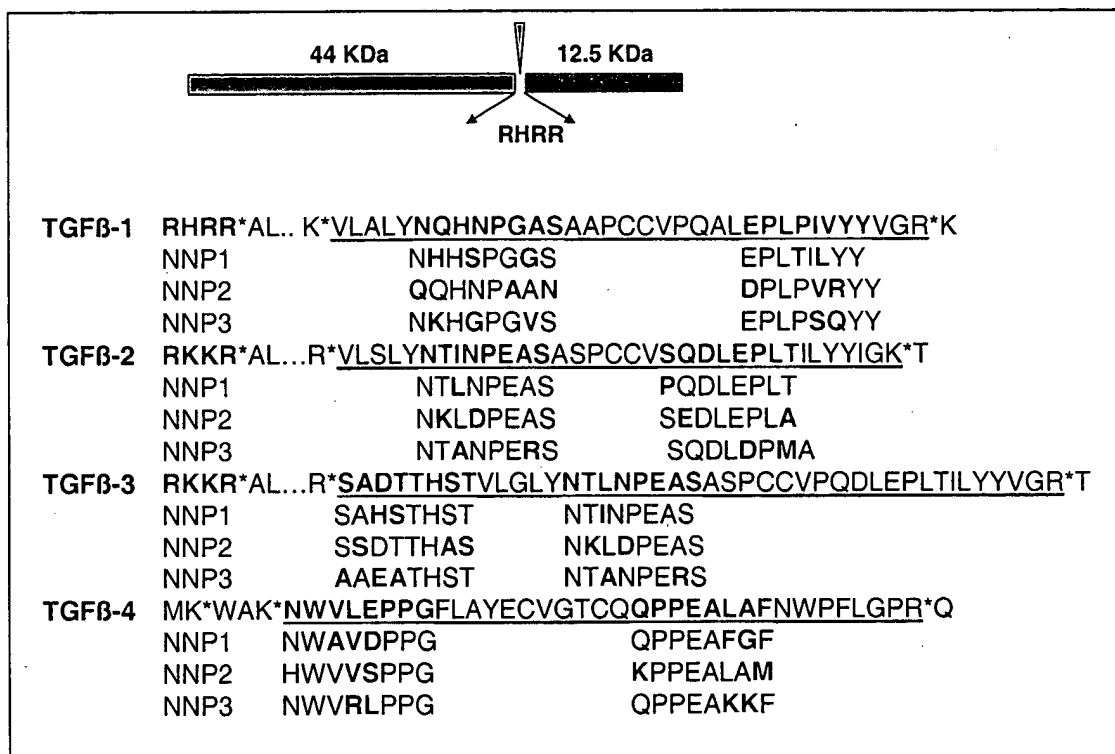


Figure 22

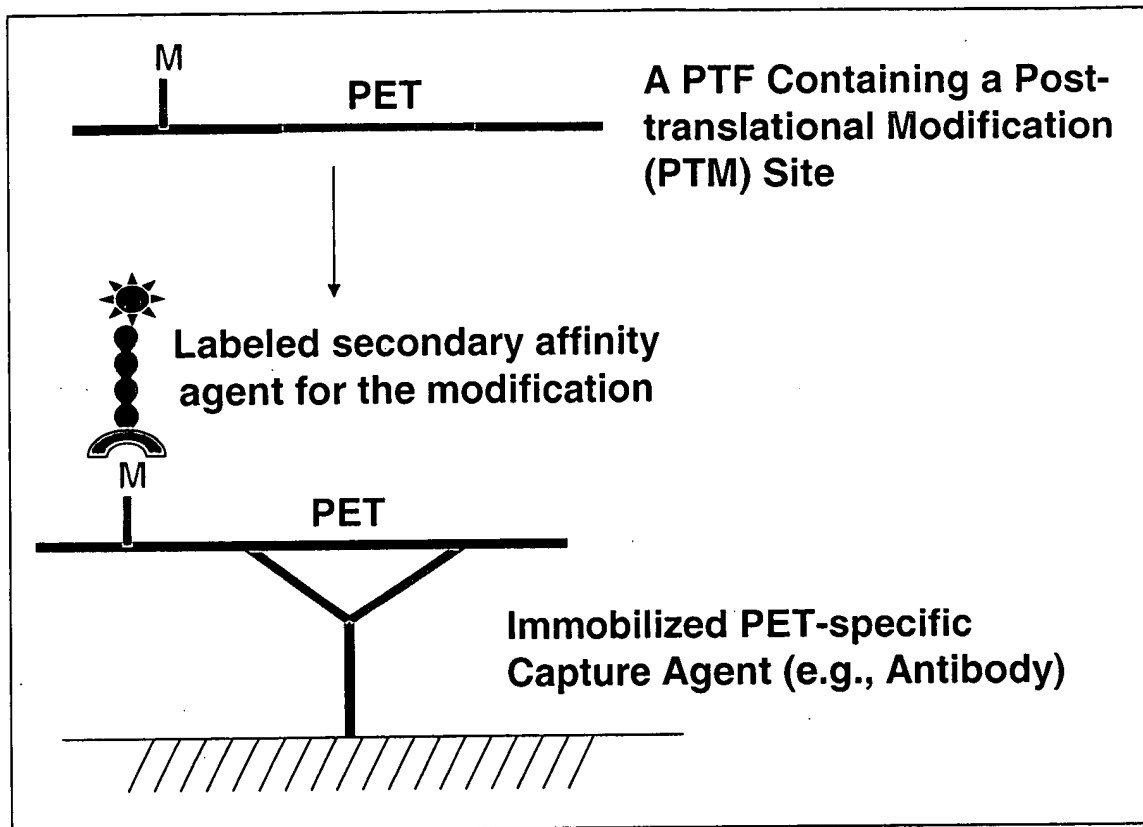


Figure 23

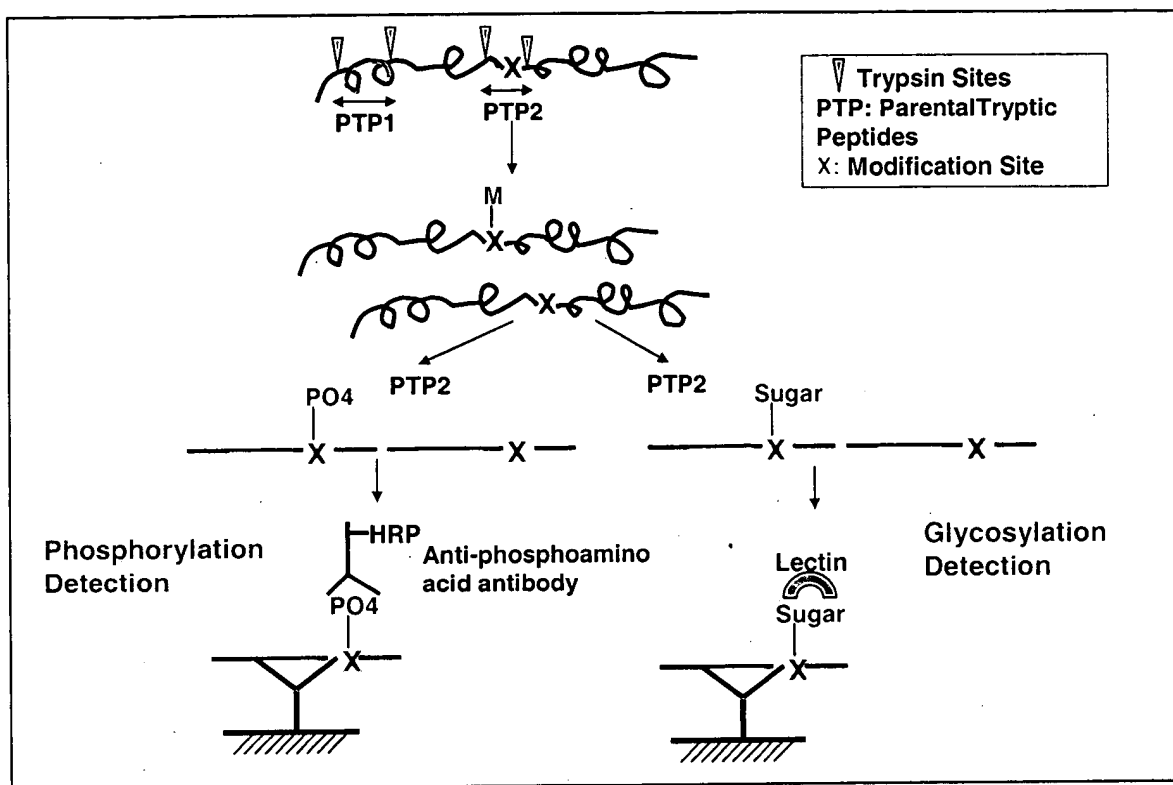


Figure 24

